

Converting Colors

$Yxy(48.0424, 0.2623, 0.3536)$

Have a look what the booklet for
Yxy(48.0424, 0.2623, 0.3536)
contains.

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Color

Yxy(48.0424, 0.2623, 0.3536)

Conversions

Conversions Part 1

Format	Color
Hex	6EC8B7
RGB	110, 200, 183
RGB Percent	43%, 78%, 72%
CMY	0.5683, 0.2157, 0.2824
CMYK	0.45, 0.00, 0.09, 0.22
HSL	169°, 45%, 61%
HSV	169°, 45%, 78%
XYZ	35.6378, 48.0424, 52.1863
YIQ	171.1520, -48.1830, -24.3670

Conversions

Conversions Part 2

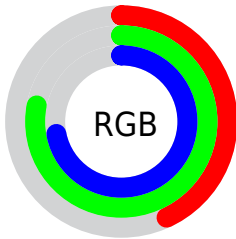
Format	Color
RYB	110, 160, 200
Decimal	7260343
CIELab	74.85, -31.06, 0.12
CIElCh	75, 31.056, 179.772
Yxy	48.0424, 0.2623, 0.3536
Android (android.graphics.Color)	4285450423 (0xFF6EC8B7)
YUV	171.1520, 5.8411, -53.6303
Hunter-Lab	69.3126, -29.5195, 3.8787

Details

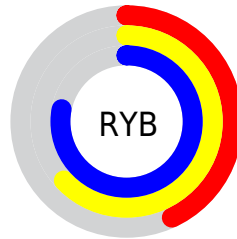
The Yxy color **48.0424, 0.2623, 0.3536** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **24.9824, 0.4083, 0.3069**, and the grayscale version is **40.8029, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.8590, 0.2708, 0.3467**, and **22.9264, 0.2488, 0.3615** is the 20% darker color. If you saturate the color by 10%, you get **46.7465, 0.2545, 0.3601**, and if you desaturate by 10%, it is **49.6359, 0.2717, 0.3474**.

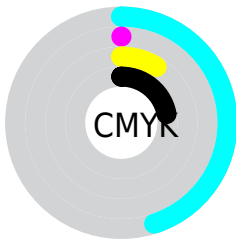
Distribution



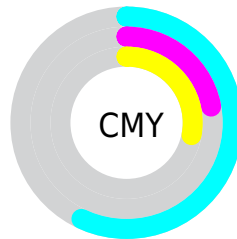
- Red (43%)
- Green (78%)
- Blue (72%)



- Red (43%)
- Yellow (63%)
- Blue (78%)



- Cyan (45%)
- Magenta (0%)
- Yellow (9%)
- Black (22%)





- Cyan (57%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.0424, 0.2623, 0.3536 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 48.0424, 0.2623, 0.3536 by changing the saturation by 10% instead.

 48.0424, 0.2623,
0.3536

 48.0424, 0.2623,
0.3536


378.9602, 0.2873,
0.3414

 33.8605, 0.2562,
0.3566


 87.2675, 0.2713,
0.3492

 22.7864, 0.2483,
0.3604

 113.0795, 0.2747,
0.3475

 14.4359, 0.2380,
0.3655


 143.5370, 0.2776,
0.3461

 8.4244, 0.2238,
0.3724

179.0243, 0.2801,
0.3449

 4.3677, 0.2031,
0.3825

219.9259, 0.2822,
0.3439

 1.8813, 0.1705,
0.3986

266.6261, 0.2841,

 0.5371, 0.0000,

0.3430

0.4825

319.5094, 0.2858,
0.3422

0.0000, 0.0000,
0.0000

48.0424, 0.2623,
0.3536

48.0424, 0.2623,
0.3536

46.7465, 0.2545,
0.3601

49.6359, 0.2717,
0.3474

45.7226, 0.2484,
0.3668

51.5393, 0.2824,
0.3416

44.9507, 0.2442,
0.3736


53.7708, 0.2940,
0.3362

44.4048, 0.2420,
0.3805


56.3457, 0.3064,
0.3313

44.0538, 0.2416,
0.3873

59.2784, 0.3192,
0.3268

 43.9203, 0.2419,
0.3907

 62.5824, 0.3322,
0.3228

 66.2705, 0.3453,
0.3193

 67.3826, 0.3462,
0.3155

 67.5773, 0.3433,
0.3117

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.0424, 0.2998, 0.3903



48.0424, 0.2623, 0.3536



48.0424, 0.2390, 0.3115

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.0424, 0.2623, 0.3536



48.0424, 0.2793, 0.2617



48.0424, 0.3976, 0.3719

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



48.0424, 0.2623, 0.3536



24.9824, 0.4083, 0.3069

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



48.0424, 0.3923, 0.3380



48.0424, 0.2623, 0.3536



48.0424, 0.3214, 0.2772

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



48.0424, 0.2623, 0.3536



48.0424, 0.2484, 0.2616



48.0424, 0.3636, 0.3043



48.0424, 0.3787, 0.3980

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.0424, 0.2623, 0.3536



48.0424, 0.2337, 0.2879



48.0424, 0.3636, 0.3043



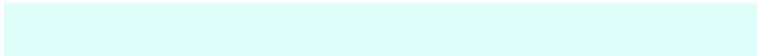
48.0424, 0.3987, 0.3611

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



48.0443, 0.2623, 0.3536



93.8486, 0.2962, 0.3353



47.0275, 0.3189, 0.4631



19.8864, 0.2935, 0.3365



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.0443, 0.2623, 0.3536



80.9773, 0.2546, 0.3600



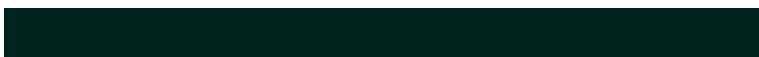
37.3848, 0.2459, 0.2890



12.0318, 0.3009, 0.3334



27.9405, 0.2416, 0.3897



1.3321, 0.2377, 0.3756

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



24.9824, 0.4083, 0.3069



36.0463, 0.4423, 0.3030



31.3129, 0.4146, 0.3648



10.6692, 0.3260, 0.3247



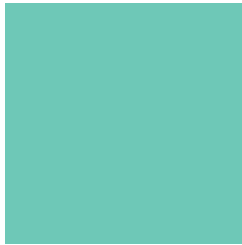
7.9059, 0.6084, 0.3125



0.3845, 0.5517, 0.2813

Previews

White Background



This preview shows how the Yxy color 48.0424, 0.2623, 0.3536 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 48.0424, 0.2623, 0.3536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

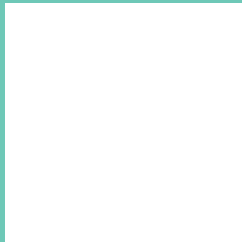
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.0424, 0.2623, 0.3536

Background



This preview shows how black text looks on a background with the Yxy color 48.0424, 0.2623, 0.3536.

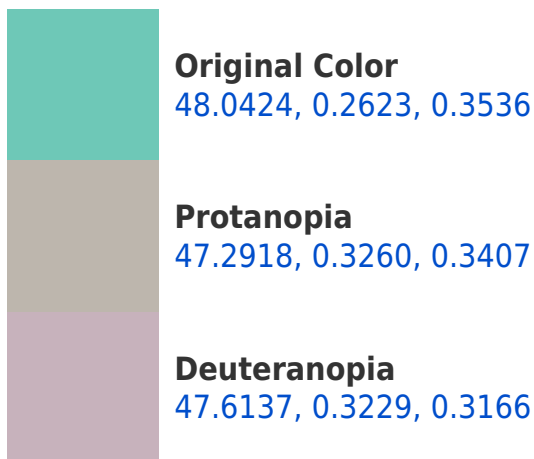


This preview shows how white text looks on a background with the Yxy color 48.0424, 0.2623, 0.3536.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia

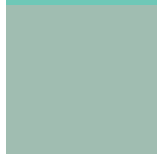
48.0849, 0.2495, 0.3069

Trichromacy



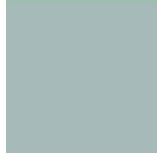
Original Color

48.0424, 0.2623, 0.3536



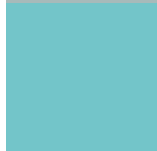
Protanomaly

47.0431, 0.2983, 0.3454



Deuteranomaly

46.8785, 0.2972, 0.3290



Tritanomaly

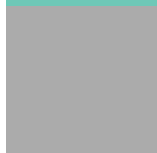
47.7944, 0.2541, 0.3232

Monochromacy



Original Color

48.0424, 0.2623, 0.3536



Achromatopsia

40.7240, 0.3127, 0.3290



Achromatomaly

42.9406, 0.2909, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0424, 0.2623, 0.3536 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(110, 200, 183)` looks like.

```
.text, #text, p{  
    color:rgb(110, 200, 183)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(110, 200, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 200, 183) }
```

Border

The CSS property to change the border of an element to Yxy 48.0424, 0.2623, 0.3536 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 200, 183) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(110, 200, 183) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(110, 200, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 200, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 200, 183); box-shadow:4px 4px 4px 4px rgb(110, 200, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0424, 0.2623, 0.3536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 200, 183) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(110,  
200, 183) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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